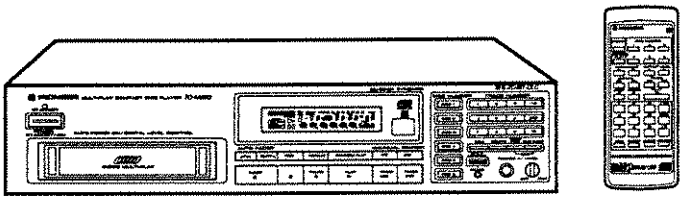
Operating Instructions

MULTI-PLAY COMPACT DISC PLAYER

PD-M630

COMPACT disc DIGITAL AUDIO



Thank you for buying this Pioneer product.
Please read through these operating instructions so you will know how to operate your model properly. After you have finished reading the instructions, put them away in a safe place for future reference.
In some countries or regions, the shape of the power plug and power outlet may sometimes differ from that shown in the explanatory drawings. However, the method of connecting and operating the unit is the same.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

IMPORTANT NOTICE

[For U.S. and Canadian models]

The serial number for this equipment is located on the rear panel. Please write this serial number on your enclosed warranty card and keep it in a secure area. This is for your security.

[For Canadian model]

CAUTION: TO PREVENT ELECTRIC SHOCK DO NOT USE THIS (POLARIZED) PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

ATTENTION: POUR PREVENIR LES CHOCS ELECTRIQUES NE PAS UTILISER CETTE FICHE POLARISEE AVEC UN PROLONGATEUR, UNE PRISE DE COURANT OU UNE AUTRE SORTIE DE COURANT, SAUF SI LES LAMES PEUVENT ETRE INSEREES A FOND SANS EN LAISSER AUCUNE PARTIE A DECOUVERT.

"This product complies with the Radio Interference requirements of the EC (European Community) Directive 87/308/EEC."

THE POWER SWITCH IS SECONDARY CONNECTED AND THEREFORE DOES NOT SEPARATE THE UNIT FROM MAINS POWER IN STANDBY POSITION.

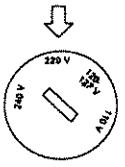
LINE VOLTAGE SELECTOR SWITCH

Only multi-voltage models are provided with this switch. U.S., Canadian, European, U.K., and Australian models are not provided with this switch.
Mains voltages in Saudi Arabia are 127V and 220V only. Never use this model with 110V setting in Saudi Arbia.

The line voltage selector switch is located on the rear panel of this player. Before your player is shipped from the factory, the switch is set to the power requirements of the player's destination. Check that it is set properly before plugging the power cord into the outlet. If the voltage is not properly set or if you move to an area where the voltage requirements differ, adjust the selector switch as follows:

- Use a medium-sized (flat blade) screwdriver. Insert the tip of the screwdriver into the groove of the selector switch and turn it so that the power voltage making of your area points to the arrow.

VOLTAGE SELECTOR



PIONEER®
The future of sound and vision.

IMPORTANT

The lightning flash with arrowhead, within an equilateral triangle, is intended to alert the user of the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons

CAUTION:
TO PREVENT THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The exclamation point within an equilateral triangle is intended to alert the user of the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance

IMPORTANT

If the apparatus is fitted with AC mains power outlet(s), see REAR PANEL FACILITIES for convenient connection of additional Hi-Fi component(s). Make all connections to the AC outlet(s) and the signal terminals first. Connect the plug to the wall socket last, make sure that the power switch is off.

FOR USE IN THE UNITED KINGDOM

The wires in this mains lead are coloured in accordance with the following code:

Blue: Neutral
Brown: Live

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured marking identifying the terminals in your plug proceed as follows:

The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.
The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.
Neither wire is to be connected to the earth terminal of a three pin plug.
Equipment sold in the U.K. is not supplied with a power plug.

SAFETY INSTRUCTIONS

READ INSTRUCTIONS – All the safety and operating instructions should be read before the appliance is operated.

RETAIN INSTRUCTIONS – The operating instructions should be retained for future reference.

HEED WARNING – All warnings on the appliance and in the operating instructions should be adhered to.

FOLLOW INSTRUCTIONS – All operating and use instructions should be followed.

WATER AND MOISTURE – The appliance should not be used near water – for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, etc.

LOCATION – The appliance should be installed in a stable location.

WALL OR CEILING MOUNTING – The appliance should not be mounted to a wall or ceiling.

VENTILATION – The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or, placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.

HEAT – The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.

POWER SOURCES – The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.

POWER CORD PROTECTION – Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.

POLARIZATION – If your purchased product is provided with a polarized power plug, please read the following instructions. This product is equipped with a polarized alternating current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

CLEANING – The appliance should be cleaned only with a polishing cloth or a soft dry cloth. Never clean with furniture wax, benzine, insecticides or other volatile liquids since they may corrode the cabinet.

POWER LINES – An outdoor antenna should be located away from power lines.

NONUSE PERIODS – The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.

OBJECT AND LIQUID ENTRY – Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.

DAMAGE REQUIRING SERVICE – The appliance should be serviced by a Pioneer authorized service center or qualified service personnel when:

- The power-supply cord or the plug has been damaged; or
- Objects have fallen, or liquid has been spilled into the appliance; or
- The appliance has been exposed to rain; or
- The appliance does not appear to operate normally or exhibits a marked change in performance; or
- The appliance has been dropped; or the enclosure damaged.

SERVICING – The user should not attempt to service the appliance beyond that described in the operating instructions. For all other servicing, contact the nearest Pioneer authorized service center.

OUTDOOR ANTENNA GROUNDING – If an outside antenna is connected to the antenna terminal, be sure the antenna system is grounded so as to provide some protection against voltage surges and built up static charges.
In the U.S.A. section 810 of the National Electrical Code, ANSI/NFPA No. 70-1984, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See Fig. A.

CART – An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.

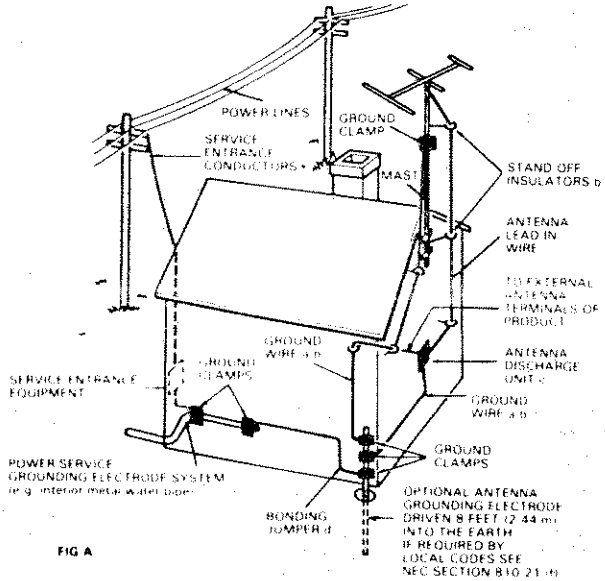

POWER LINES
GROUND CLAMP
SERVICE ENTRANCE CONDUCTORS
MAST
STAND OFF INSULATORS b
ANTENNA LEAD IN WIRE
TO EXTERNAL ANTENNA TERMINALS OF PRODUCT
GROUND WIRE a b
ANTENNA DISCHARGE UNIT c
GROUND CLAMPS
SERVICE ENTRANCE EQUIPMENT
GROUND WIRE a b
GROUND CLAMPS
POWER SERVICE GROUNDING ELECTRODE SYSTEM (e.g. interior metal water pipe)
BONDING JUMPER d
OPTIONAL ANTENNA GROUNDING ELECTRODE DRIVEN 8 FEET (2.44 m) INTO THE EARTH IF REQUIRED BY LOCAL CODES SEE NEC SECTION 810 21 (f)

FIG A

a) Use No.10 AWG (5.3 mm²) copper, No.8 AWG (8.4 mm²) aluminum, No.17 AWG (1.0 mm²) copper-clad steel, bronze wire, or larger as ground wire.

b) Secure antenna lead-in and ground wires to house with stand-off insulators spaced from 4 feet (1.22 meters) to 6 feet (1.83 meters) apart.

c) Mount antenna discharge unit as closely as possible to where lead-in enters house.

d) Use jumper wire not smaller than No.6 AWG (13.3 mm²) copper, or the equivalent, when a separate antenna grounding electrode is used.
See NEC Section 810.21 (j).

[FOR EUROPEAN AND U.K. MODELS]

CAUTION
This product contains a laser diode of higher class than 1. To ensure continued safety, do not remove any covers or attempt to gain access to the inside of the product.
Refer all servicing to qualified personnel.

The following caution label appear on your player.

Location: rear of the player

[FOR U.S. MODEL]
CAUTION

- Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.
- The use of optical instruments with this product will increase eye hazard.

INFORMATION TO USER [FOR U.S. MODEL]

This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- reorient the receiving antenna
- relocate this equipment with respect to the receiver
- move this equipment away from the receiver
- plug this equipment into a different outlet so that equipment and receiver are on different branch circuits.

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet prepared by the Federal Communications Commission helpful:
"How to Identify and Resolve Radio-TV Interference Problems"
This booklet is available from the US Government Printing Office, Washington, D.C., 20402, Stock No. 004-000-00345-4.

The above instructions apply only to units which will be operated in the United States

[For Canadian model]

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

POWER-CORD CAUTION

Handle the power cord by the plug. Do not pull out the plug by tugging the cord and never touch the power cord when your hands are wet as this could cause a short circuit or electric shock. Do not place the unit, a piece of furniture, etc., on the power cord, or pinch the cord. Never make a knot in the cord or tie it with other cords. The power cords should be routed such that they are not likely to be stepped on. A damaged power cord can cause fire or give you an electrical shock. Check the power cord once in a while. When you find it damaged, ask your nearest PIONEER authorized service center or your dealer for a replacement.

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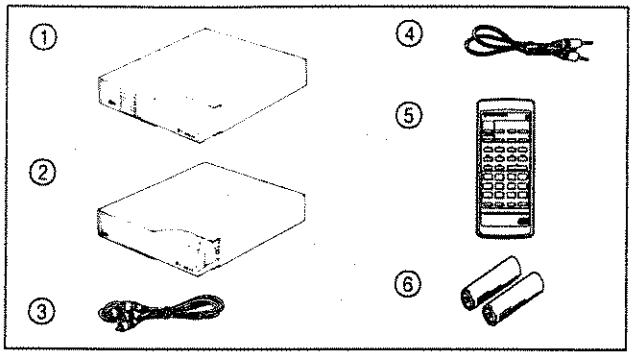
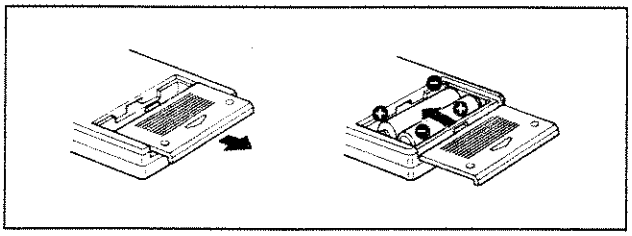
CONFIRM SUPPLIED ACCESSORIES



① 6-Compact Disc Magazine x 1
(Called 6-disc magazine in the explanatory text.)
② Single-Compact Disc Magazine x 1
(Except for U.K. and European models)
(Called single-disc magazine in the explanatory text.)
NOTE:
The supplied 6-disc magazine and single-disc magazine are for 12 cm discs only.
③ Output cord x 1
④ Control cord x 1
(U.S., Canadian and Australian models only)
⑤ Remote control unit x 1
⑥ AAA/R03 dry cell batteries x 2

PUT BATTERIES INTO THE REMOTE CONTROL UNIT



Open the lid of the battery compartment on the rear of the remote control unit, and insert the batteries, taking care to align the (+) and (–) polarities correctly.

NOTE:

- *In order to prevent battery leakage, remove the batteries when not using the remote control unit for an extended period (one month or more). In the event of battery leakage, carefully wipe away any battery fluid inside the compartment, and replace the batteries with new ones.*
- *Do not allow books or other objects to rest on top of the remote control unit, since the buttons may be depressed, causing faster exhaustion of the batteries.*

Incorrect use of batteries may cause leakage or rupture.
Always be sure to follow these guidelines:

A. Always insert batteries into the battery compartment correctly matching the positive ⊕ and negative ⊖ polarities, as shown by the display inside the compartment.
B. Never mix new and used batteries.
C. Batteries of the same size may have different voltages, depending on brand. Do not mix different brands of batteries.

CAUTIONS REGARDING HANDLING

Location

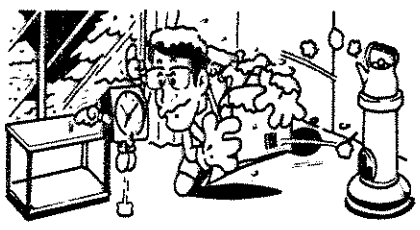
Install the player in a well ventilated location where it will not be exposed to high temperature or humidity.
Do not install the player in a location which is exposed to direct rays of the sun, or near stoves or radiators. Excessive heat can adversely affect the cabinet and internal components. Also, installation of the player in a damp or dusty environment may result in malfunction or accident. (Also avoid installation near cookers etc., where the player may be exposed to smoke from oil, steam or heat.)

Precautions regarding installation

- Placing and using the compact disc player for long periods on heat-generating sources such as amplifiers will affect performance. Avoid placing the player on heat-generating sources.
- Install this compact disc player as far as possible from tuners and TV sets. A compact disc player installed in close proximity to such equipment, may cause noise or degradation of the picture.
- Such noise may be particularly noticeable when an indoor antenna is used. In such a case, make use of an outdoor antenna, or turn off power to the compact disc player.
- Please place this unit on a level surface.

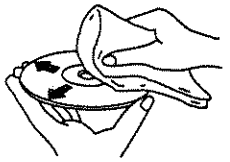
Condensation

When this unit is brought into a warm room from previously cold surroundings or when the room temperature rises sharply, condensation may form inside, and the unit may not be able to attain its full performance. In cases like this, allow the unit to stand for about an hour or raise the room temperature gradually.

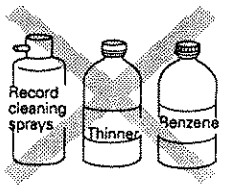


Cleaning discs

- The presence of fingerprints or smudges on the surface of the disc will not directly affect the recorded signals, but depending on the degree of contamination, the brightness of the light reflected from the signal surfaces may be reduced, causing degradation of sound quality. Always keep your discs clean by wiping them gently with a soft cloth from the inner edge toward the outer periphery.



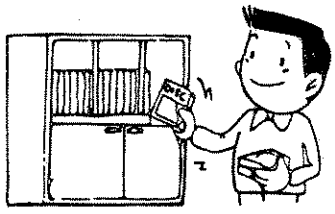
- If a disc becomes very dirty, dip a soft cloth in water, and after wringing it out well, wipe the dirt away gently, and then remove any water drops with another soft, dry cloth.
- Do not use record cleaning sprays or anti-static agents on discs. Also, never clean discs with benzene, thinner, or other volatile solvents, since damage to the disc surface may result.



Storing discs

(Storing without using the 6-disc magazine)

- Discs are made of the same kinds of plastic used for conventional analog audio records. Be careful not to allow discs to warp; always store discs in their cases vertically, avoiding locations with high heat or humidity, or extremely low temperatures. Avoid leaving discs in cars, since the seat of a car in direct sunlight can become unbelievably hot.
- Always read and abide by the precautionary notes listed on disc labels.
- When storing the disc, do not leave the disc in the single-disc magazine.

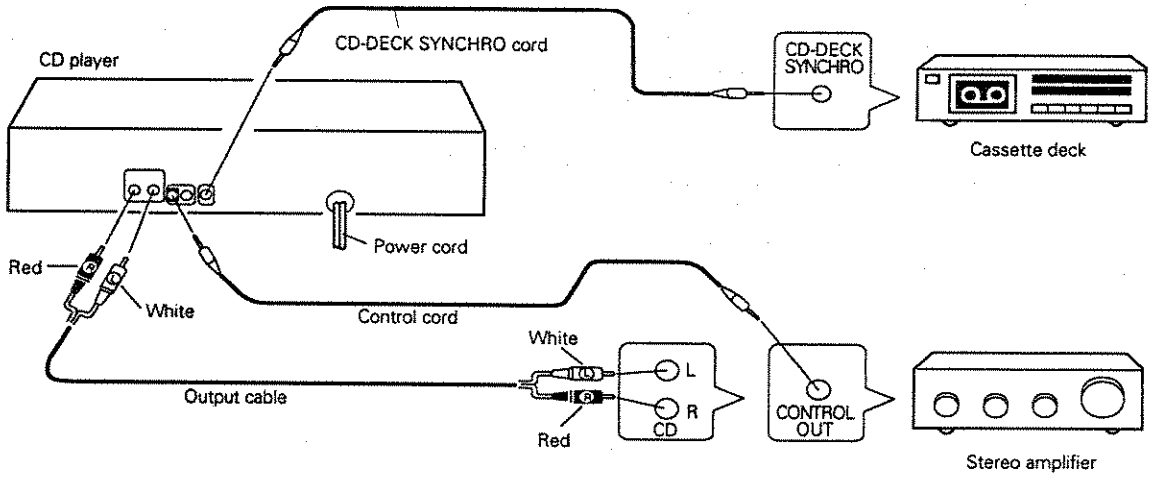


Cleaning the player and the magazine

To clean the PLAYER and the MAGAZINE wipe with a soft, dry cloth. For stubborn dirt, wet a soft cloth with a mild detergent solution, wring well, then wipe off the dirt. Also use a dry cloth to wipe the surface dry. Do not use volatile liquids such as benzene and thinner which are harmful to the unit.

CONNECTIONS

- Make sure that all of the components are turned off before making connections.



Making connections

1 Connect the OUTPUT jacks of this unit to the input jacks (CD or AUX) of the amplifier. Make sure that the white plugs are connected to the left (L) jacks and the red plugs to the right (R) jacks.

- Be sure not to connect this unit to the amplifier's PHONO jacks, as sound will be distorted and normal playback will not be possible.

2 Connect the power cord to a household AC wall outlet or an AC outlet on your amplifier.

- Make sure plugs are inserted fully into the jacks and wall outlet.

CD-Deck synchro function

If you have a Pioneer cassette deck provided with the CD-Deck synchro function, connect the CD-DECK SYNCHRO jacks of the CD player and cassette deck. With this function, synchro recording can be carried out between player and deck.

- For details on connections and operation, refer to the instruction manual supplied with the cassette deck.
- The CD-DECK SYNCHRO cord is not supplied with the CD player.

System remote control with a Pioneer stereo amplifier that has the 5R mark

(Available with U.S., Canadian and Australian models only)

When a Pioneer stereo amplifier bearing the 5R mark is used, connect the CONTROL IN jack on the rear panel of the CD player to the CONTROL OUT jack of the amplifier. This will enable the CD player to be controlled using the remote control unit supplied with the stereo amplifier. If you do not plan to use this feature, it is not necessary to connect CONTROL IN/OUT jacks.

- The control cord is supplied with the CD player.
- The remote control unit supplied with the amplifier can be used to control Play, Stop, Pause, Track/Disc Search and Disc Change operations.
- For instructions regarding connections and operation, refer to the operating instruction manual provided with your stereo amplifier.

NOTES:

- *When a control cord is connected to the player's CONTROL IN jack, direct control of the player with the remote control unit is not possible. Operate the player with the remote control unit by aiming it at the amplifier.*
- *Be sure to connect both of the control cord's plugs securely to the CONTROL IN and CONTROL OUT terminals. Do not connect only one end of the cable.*

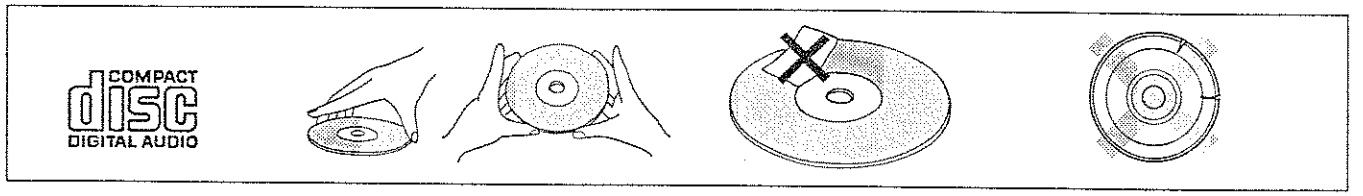
BEFORE OPERATING THE PLAYER

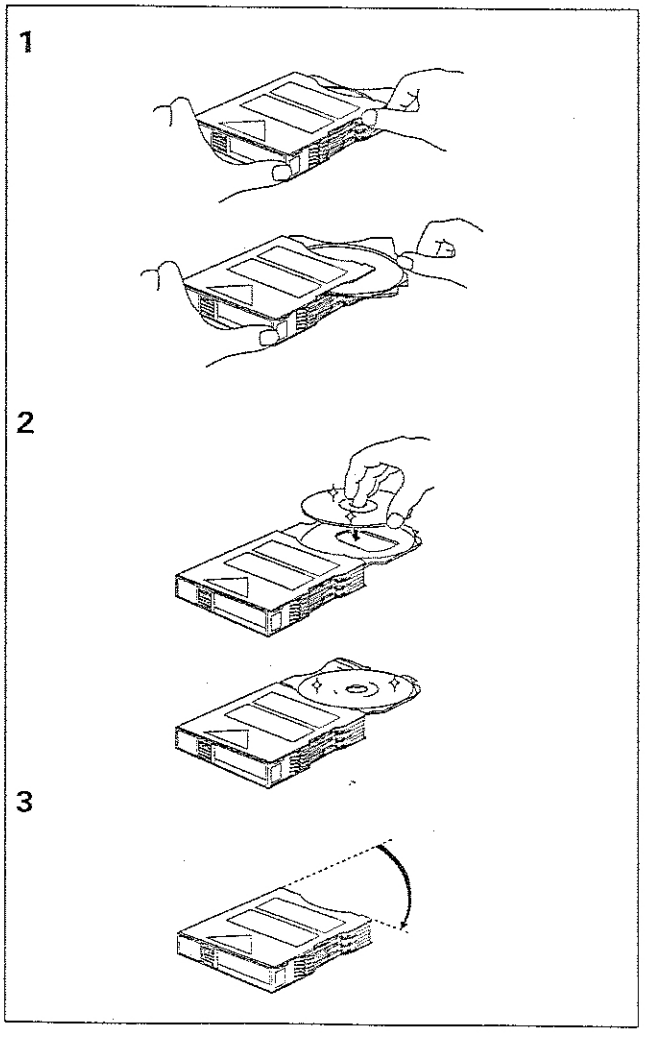
CARE OF DISCS

- With this player, use discs which display the mark shown below. (Optical audio digital discs.)
- When holding discs, do not touch their signal surfaces. Hold by the edges, or by one edge and the center hold.
- Do not affix gummed labels or tape to the label surfaces. Also, do not scratch or damage the label.
- Discs rotate at high speed inside the player. Do not use damaged (cracked or warped) discs.

NOTE:

- *In order to play an 8-cm CD you will need a special Multi-Play Magazine (JD-M108) which is sold separately. Be sure to read thoroughly the Operating Instructions before using it.*
- *8-cm CD Adaptors*
  It is possible that even an adaptor which meets recommended standard CD specifications will not be usable with the CD player. It is recommended that the special Multi-Play Magazine (JD-M108) be used.
- *Never load an 8-cm CD or its adaptor into a standard 12-cm magazine. This may seriously damage the CD player.*
- *Do not insert only an 8-cm disc and adaptor into the supplied magazines.*





INSERT DISCS INTO THE 6-DISC MAGAZINE

Insert any discs which you may have into the supplied magazine. Up to six discs may be inserted. The numbering of the discs begins with 1 at the topmost tray, and then increases in order from 2 to 6 for the lower trays. The magazine has a window through which the pulled-out disc tray can be checked. Even during playback, the number of the disc being played back can be checked through this window.

1 Pull out only one disc tray.
2 Position discs with the label side downward.
3 Put the disc tray back as it was originally.
4 Insert other discs by repeating steps 1 to 3.

CAUTION:

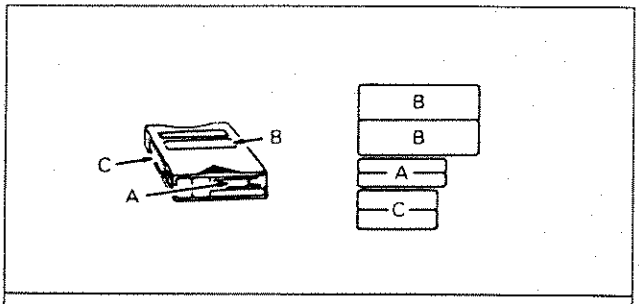
- Please make sure to only pull out one disc tray at a time. (when a disc tray has been pulled out, do not pull out other disc trays.)
- If discs are inserted label side upward, it will not be possible for them to be played. Please make sure to insert them with the label side downward.
- Objects other than discs (song cards, explanations of disc contents, etc.), must never be inserted into the disc trays.
- Do not touch the playing surface of discs (iridescent side) with hands or fingers.

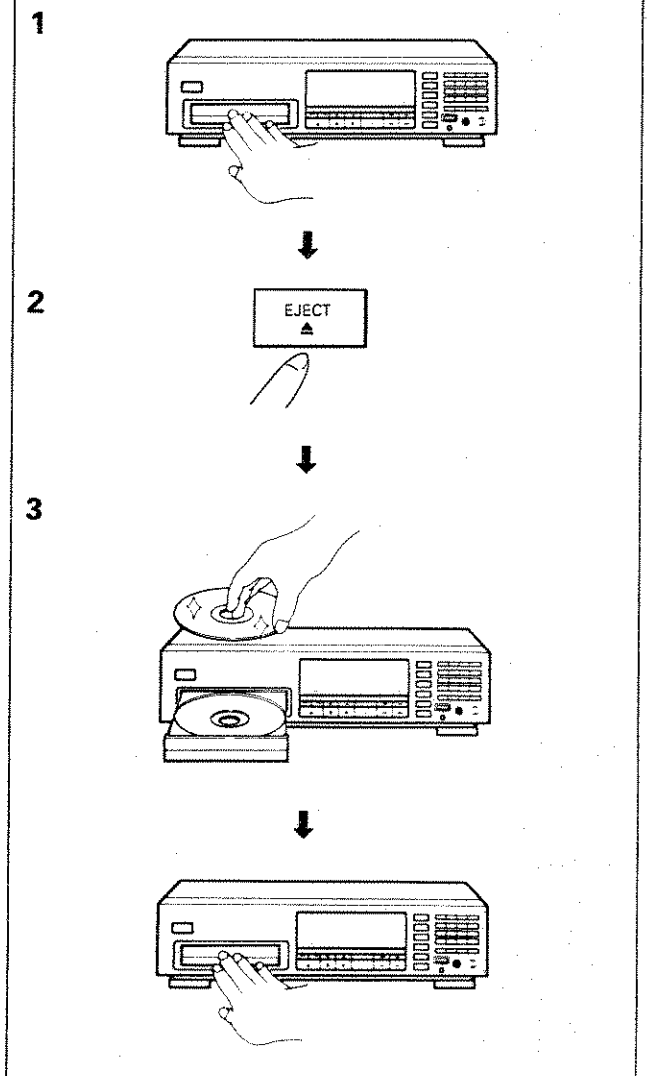
For U.S. customers only

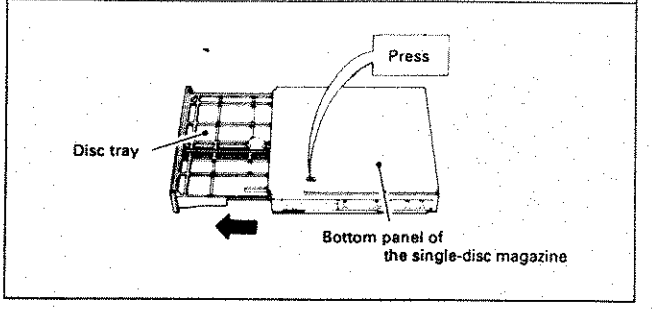
You may purchase additional Pioneer six-compact-disc magazines from your dealer. If however, they are not available at your dealer in the United States, you may order from:

PIONEER ELECTRONICS SERVICE, INC.
2265 East 220th Street
P.O. Box 1760, Long Beach
CA. 90801-1760
U.S.A.
Phone #(800)421-1404

Continue







AFFIXING LABELS TO 6-DISC MAGAZINE

- Always attach the labels provided in the designated locations. Correct operation may not be possible if labels or tape are attached in other locations.
- The following are convenient ways of using labels:
  A: For titles
  B: For disc names
  C: For classification
- Do not attach labels on top of other labels.

Additional magazines identical to the one supplied are available as options (*JD-M100, JD-M200, JD-M108). Please use them to make your own disc library, with separate magazines for each artist or genre.

* JD-M100/JD-M200 ..... Magazine for six 12-cm discs
JD-M108 ..... Magazine for 8-cm discs

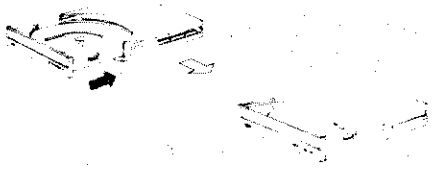
NOTE:
Both 12 cm discs and 8 cm discs cannot be installed together in a magazine.

LOADING A DISC INTO THE SINGLE-DISC MAGAZINE (Except for U.K. and European models)

1 Insert the single-disc magazine without a disc, pushing it in until a click sound is heard.
2 Press EJECT.
3 Place a disc with the label side down and push in the magazine until a click sound is heard.

TO REMOVE THE DISC FROM THE SINGLE-DISC MAGAZINE

1. After ejecting the single-disc magazine, remove the disc and put it into its case.
2. Remove the magazine by pulling the disc tray toward you and push the disc tray into the magazine.

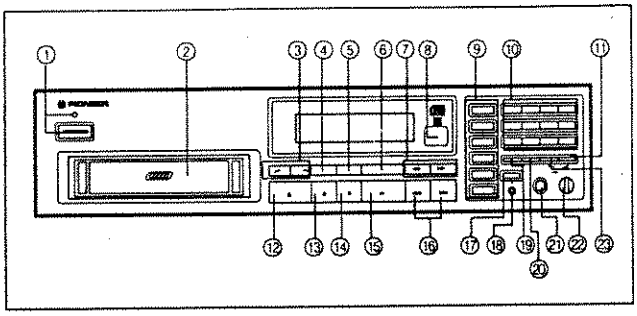


If a disc is still in magazine:
Press the hook on the bottom panel of the single-disc magazine. The disc tray will come out. Be careful not to drop the disc when the disc tray comes out.

NOTE:
Explanations are given for operations when using the 6-disc magazine, but the operations are the same when using the single-disc magazine. The only difference is that the DISC NUMBER buttons and Multi-Memory function cannot be used.

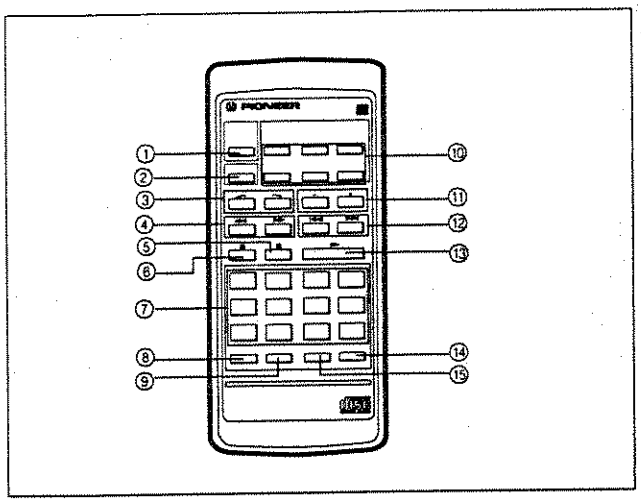
CAUTION:
Before operating the player, please clear all multi-memory. Refer to "To clear the entire multi-memory".

NAMES AND FUNCTIONS OF PARTS



FRONT PANEL

① **POWER STANDBY/ON switch and indicator**
② **Magazine insertion slot**
③ **AUTO FADER buttons**
④ **TIME button**
⑤ **REPEAT button**
⑥ **RANDOM PLAY button**
⑦ **MANUAL SEARCH buttons (◄◄/►►)**
⑧ **Remote sensor**
Receives the signal from the remote control unit.
⑨ **DISC NUMBER buttons (DISC 1 - DISC 6)**
⑩ **TRACK NUMBER/Digit buttons (1-10, +10, ≧20)**
⑪ **TIME FADE EDIT button**
⑫ **EJECT button (⏏)**
⑬ **STOP/CLEAR button (■)**
⑭ **PAUSE button (II)**
⑮ **PLAY button (►)**
⑯ **TRACK search buttons (I◄◄/►►I)**
⑰ **MULTI MEMORY STORE button**
⑱ **MULTI MEMORY ERASE button**
⑲ **PGM button**
⑳ **DELETE button**
㉑ **Headphones jack (PHONES)**
㉒ **Headphones volume (PHONES LEVEL)**
㉓ **AUTO PGM EDIT button**

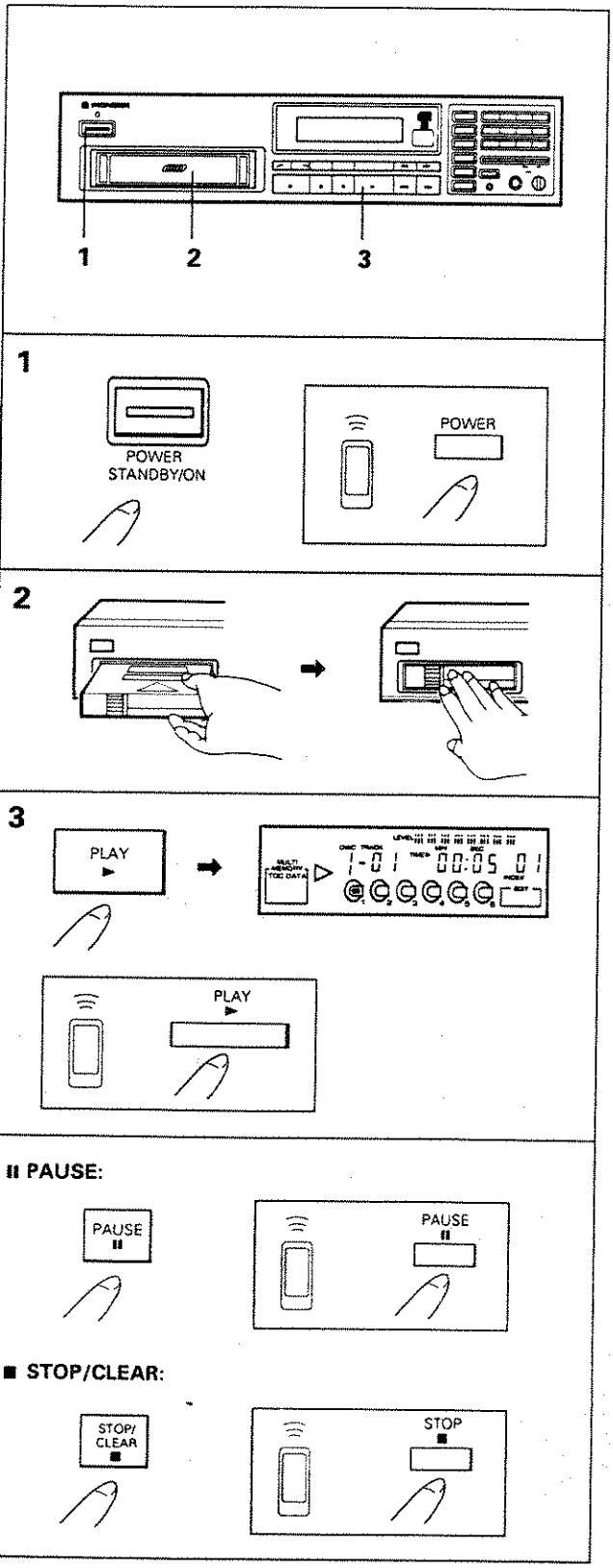


REMOTE CONTROL UNIT

Remote control buttons with the same names or marks as buttons on the front panel of the player control the same operations as the corresponding front panel buttons.

① **POWER button**
② **RANDOM PLAY button**
③ **FADE-IN/FADE-OUT buttons**
④ **MANUAL search buttons (◄◄/►►)**
⑤ **PAUSE button (II)**
⑥ **STOP button (■)**
⑦ **Track number/Digit buttons (1-10, +10, ≧ 20)**
⑧ **PGM button**
⑨ **CHECK button**
⑩ **DISC NUMBER buttons (1 - 6)**
⑪ **OUTPUT LEVEL buttons (+/–)**
⑫ **TRACK search buttons (I◄◄/►►I)**
⑬ **PLAY button (►)**
⑭ **DELETE button**
⑮ **CLEAR button**

BASIC OPERATION



Operations indicated by the [ ] mark are performed with the remote control unit.

To play a compact disc

1 Turn on the power to the player.

2 Insert a magazine, pushing it in until a click sound is heard.

- When the power is turned off, inserting a magazine automatically turns on the power (Automatic Power On function).
- The TOC DATA indicator will blink. From the 1st disc to 6th disc, the information (TOC)* for playback of each disc is read to be stored in multi-memory. The TOC DATA indicator will light up.
- For the magazine whose TOC data are already stored, the magazine is identified just by reading the TOC data of the first disc and the TOC data for the 1st disc to 6th disc are also displayed one by one.

* TOC (Table Of Contents):
It has track numbers, total track numbers and total playing time of the tracks recorded in the inner circumference of the disc.

- Insert the discs to be played into the magazine beforehand. (Refer to "BEFORE OPERATING THE PLAYER")

3 Start playback.

- The PLAY button can be pressed even when TOC is being read. In such a case, the TOC not yet read will be read after playback is finished.
- The STOP/CLEAR button does not function while TOC data is being read.

To pause playback temporarily:

Press PAUSE. The II indicator lights and playback is paused at that point.
Pressing PAUSE again or PLAY resumes playback from the position where pause mode was entered.

To stop playback:

Press STOP/CLEAR. The player returns to the beginning of the first track on the disc at which playback was stopped. If STOP/CLEAR is pressed twice, the player returns to the beginning of the first track on the first disc and enters stop mode.

To stop playback and take out the magazine

Press EJECT, remove the magazine, and then press POWER to turn off the power.
Even when the power is turned off, the magazine will be ejected by pressing EJECT.

NOTE:

When the power is turned off while a magazine is in the player, the player memorizes which disc was played just before the power was turned off. Thus, when the power is next turned on, pressing the PLAY button starts playback from the first track on the memorized disc.

Cautions regarding handling of magazines

- When inserting a magazine into the player, make sure that the direction of insertion is correct.
- After use, store in the case provided. Do not place in locations subjected to high temperatures or exposed to direct sunlight.
- Do not take magazines apart.
- Be careful not to drop, or hit magazines against things. Also do not apply strong force to trays which have been withdrawn.
- Application of benzene, thinner, insecticide or other volatile liquids to a magazine may damage the surface, so keep magazines away from such substances.

CAUTION:

Do not unplug the power cord or do not turn off the power with an audio timer during playback, as this could result in damage to the disc.

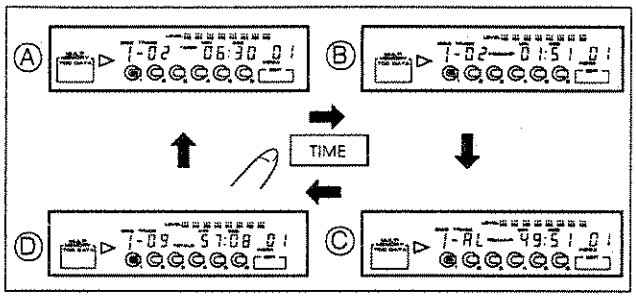
Continue

Timer playback
By using a commercially available audio timer, it is possible to initiate playback at any time automatically.
1. Insert a magazine into the magazine slot.
2. Set the time at which you wish playback to begin. The timer will supply power to both the amplifier and the player at the preset time, turning all the components on and initiating the playback mode. Playback starts from the first track on the first disc.

CAUTION
- When the program procedure (or delete program procedure) has been performed, or Multi Program Memory (or Multi Delete Memory) is activated, the player enters corresponding program playback mode at the preset time.
  Also, when the output level is stored in Multi Memory, playback is initiated with the stored output level.
- If the power failure occurs while the power is turned off (standby mode), the power is automatically turned on with timer playback function when the power is supplied. THEREFORE, DISCONNECT THE AC POWER CORD WHEN THE PLAYER IS NOT USED FOR A LONG PERIOD OF TIME.

Time display

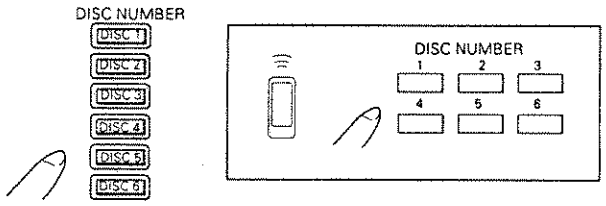
During playback, pressing the TIME button changes the time display in the following sequence: Ⓐ TIME (elapsed playback time of the track being played) → Ⓑ REMAIN (remaining playback time of the track being played) → Ⓒ AL REMAIN (remaining playback time from the playing point to the end of the disc) → Ⓓ TOTAL (total playback time of the disc). After the total playing time of the 1st disc to 6th disc is displayed in turn, the time display returns to Ⓐ.
- With track No. 21 or more, the REMAIN time Ⓑ cannot be displayed.
- During random playback or delete random playback, AL REMAIN time Ⓒ cannot be displayed.
- During Program playback, the number of program steps can be displayed with the TOTAL setting Ⓓ.



VARIOUS OPERATIONS

Disc search - To search for a particular disc

During playback or stop mode

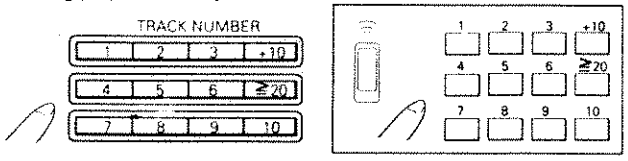


The player searches for the specified disc and playback starts from the beginning of that disc.

NOTES:
- *If the disc number of a tray which does not contain a disc (disc symbol indicator is not lit) is selected, "disc" appears on the display and playback cannot start from that disc number.*
- *During program playback, Disc Search cannot be carried out.*

Track search - To search for a particular track

During playback or stop mode



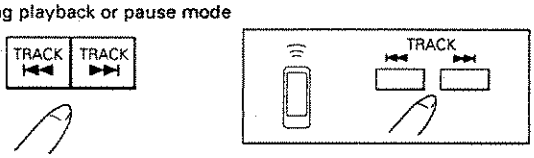
To search for track No. from 1 to 10, simply press the corresponding digit buttons ([1]–[10]). To search for track No. 11 or above, use [+10]. To search for track No. 20 or above, use [≥20]

Example To enter track No. 17: [+10], [7]
To enter track No. 23: [≥20], [2], [3]
To enter track No. 30: [≥20], [3], [10]

- When entering 20 or above, [10] functions as 0.
- When [+10] or [≥20] is pressed, the digit button to be next entered should be pressed within 5 seconds.

NOTE:
During program playback, the TRACK NUMBER buttons can not be operated.

During playback or pause mode

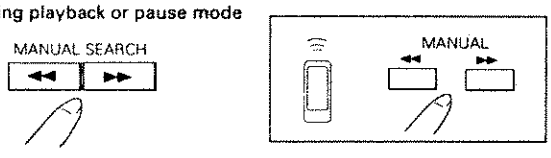


When ▶▶| is pressed once, playback advances to the beginning of the next track. When this button is kept pressed, playback advances to successive tracks on the disc.
When |◀◀ is pressed once, playback returns to the beginning of the track being played. When this button is kept pressed, playback returns to earlier tracks on the disc.

NOTES:
- *During normal playback, Track Search can be carried out on one disc only.*
- *During program playback, the |◀◀ or ▶▶| button can be used to select the programmed track.*

Manual search - To search for a particular passage

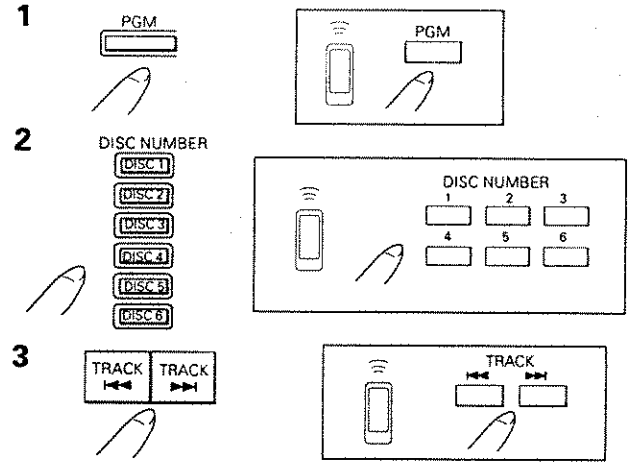
During playback or pause mode



While ▶▶ is kept pressed, playback rapidly advances toward the end of the disc. When playback reaches the end of the disc, the player enters pause mode and "End" is displayed. While ◀◀ is kept pressed, playback rapidly reverses toward the beginning of the disc.
When the desired passage is reached, release ▶▶ or ◀◀. The player enters original mode (playback or pause) where ▶▶ or ◀◀ is released.

NOTES:
- *During normal playback, Manual Search can be carried out on one disc only.*
- *During program playback, Manual Search can be carried out in one program step only.*

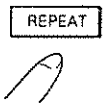
To display the playing time of a particular track



1. During stop mode, press PGM.
2. Specify the disc No. with the DISC NUMBER button.
3. Press ▶▶| to display the playing time of the track. Each time ▶▶| is pressed, the playing time of each track is displayed sequentially.

- Playing time of track No. 21 or above cannot be displayed.
- The DELETE button can be used instead of the PGM button.

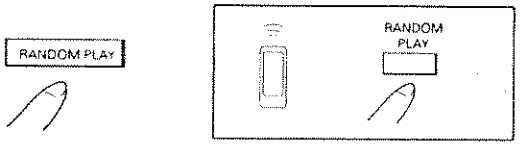
To repeat playback (repeat play):



To repeatedly play the displayed track, press REPEAT once. The [1] – REPEAT indicator lights. The REPEAT button can be pressed in any playback mode.
To repeatedly play all tracks on all of the discs in normal playback mode or in the specified playback mode (Program playback, Delete program playback or Random playback), press REPEAT twice. The REPEAT indicator lights.

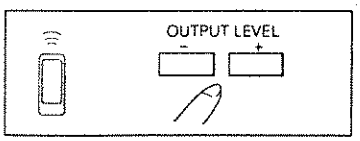
- To exit repeat mode, press REPEAT so that the [1] – REPEAT or REPEAT indicator goes off.

Random playback - To play all tracks in random order



The RANDOM indicator lights and all tracks on all discs are played in a random order.
To play the programmed tracks in a random order, press RANDOM PLAY after carrying out the Program procedure. See the "Program playback" section.
To play tracks other than the deleted tracks in a random order, press RANDOM PLAY after carrying out the Delete Program procedure. See the "Delete Program Playback" section.

Adjusting the sound volume



Press OUTPUT LEVEL "–" or "+" on the remote control unit to adjust the output level. The output level can be adjusted between 0 dB and - 25 dB in steps of 1 dB.

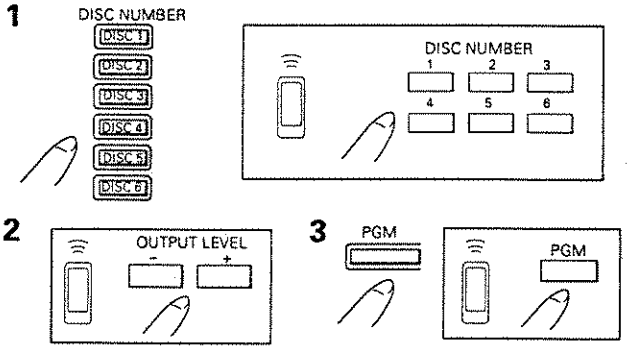
- The LEVEL meter shows the selected output level in steps of 6 dB.
- The output level at the OUTPUT jacks and PHONES jack will be adjusted simultaneously.
- If the magazine is in the player, the adjusted output level will not be erased even if the power is turned off. However, if the power is turned off with an audio timer or unplugging the power cord, the adjusted level will be erased.

Sound volume memory

The output level of each disc can be memorized.

- When the output level of each disc has been set at the same level, it is not necessary to adjust the sound volume for each disc with the volume control of the amplifier.

To memorize the output level



1. Specify the disc No. with the DISC NUMBER button.
2. During playback adjust the output level with OUTPUT LEVEL + or -.
3. Press PGM within 5 seconds.
   The displayed output level is memorized.
4. Repeat steps 1 through 3 for other discs.
   The output level (0 dB - -25 dB) can be memorized for each disc.

- The memorized output level of each disc will be set automatically when the disc is played.
- Even when the output level is memorized, the OUTPUT LEVEL + or - button can be operated without erasing the memory.

NOTES:

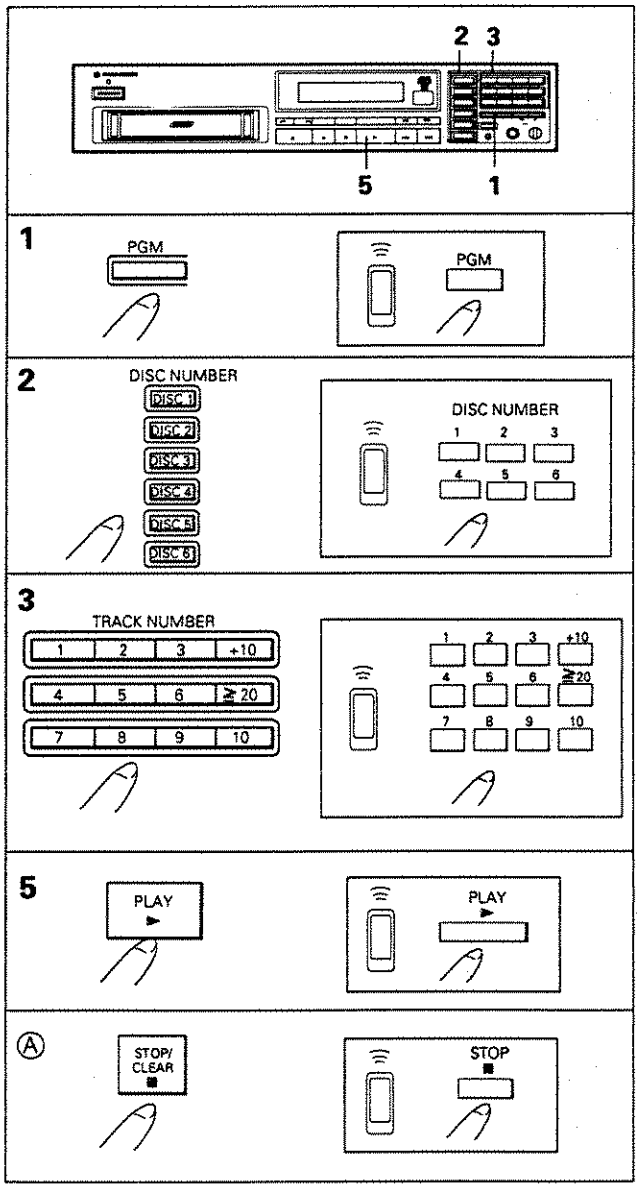
- *When the output level is re-adjusted and memorized, the previously memorized output level is erased and the LEVEL MEMO indicator blinks once.*
- *The output level can be stored in multi-memory. (See page 20.)*

To clear the memorized output level:

1. Specify the disc No. to be cleared with the DISC NUMBER button.
2. During playback, set the output level to 0 dB with the OUTPUT LEVEL + button.
3. Press PGM.

To clear the output level of all the discs:
Eject the magazine by pressing EJECT.

TO PLAY ONLY DESIRED TRACKS/DISCS



Program playback - To program tracks/discs in desired order

1 During stop or playback mode, press PGM.

2 Press the DISC NUMBER button which contains the track to be programmed.

To program entire discs, enter the desired disc numbers with the DISC NUMBER buttons and go to step 4.

- When DISC NUMBER is pressed, "AL" (all tracks) appears on the display.

3 Enter the track No. to be programmed with the TRACK NUMBER/Digit buttons.

4 Repeat steps 2 and 3 for other tracks to be programmed.

5 Press PLAY.

The tracks are played in the programmed order. When all programmed tracks have been played, the player enters stop mode.

Ⓐ To stop Program playback, press STOP/CLEAR.

- Programs containing up to 40 steps can be created.
- To go to the previous or next step in a program, press ⏮ or ⏭.
- To enter track No. 11 or above with the TRACK NUMBER/Digit buttons, see "Track Search" on page 11.
- If the magazine is in the player, the program contents will not be erased even if the power is turned off.

Notes on total time display

- The total time of the program can be displayed up to 99 minutes 59 seconds.
- When the track No. 21 or above is programmed, the total time cannot be displayed.

Continue

Programming a pause

Inserting a pause in your program can be very useful when carrying out recording. Press PAUSE instead of entering a track number. "PA" appears on the display panel.

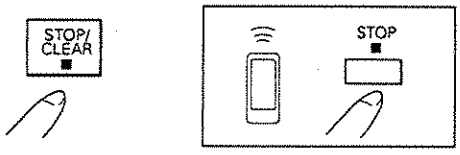
- For example, when recording on both sides of a cassette tape, if you program a pause after the last track to be recorded on the first side, program playback will pause at that point to allow you to switch tape sides. To resume program playback after the player enters pause mode, press PAUSE.

Notes:

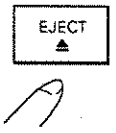
- *A pause can be programmed only when the program procedure is performed under stop mode.*
- *A pause cannot be programmed at the beginning of a program (P-01), and two pauses cannot be programmed one after the other.*
- *A pause inserted in a program is counted as one step.*
- *If a pause is programmed as the last step of a program, the player will not enter the pause mode.*

To clear all of the program contents

Ⓐ:

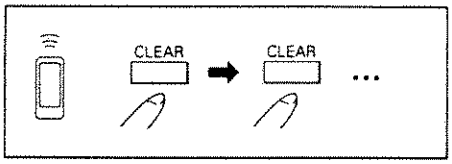


Ⓑ:



Ⓐ During stop mode, press STOP/CLEAR.
Ⓑ When the magazine is ejected, the program contents will be cleared.

To erase a program

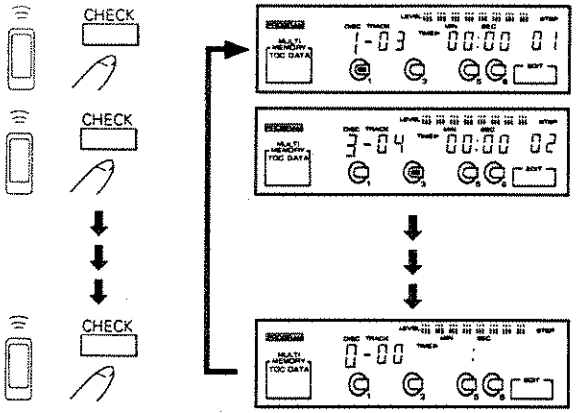


During program mode, press CLEAR on the remote control unit. The last program step is erased and the contents of the previous program step are displayed.

NOTE:

Contents of a program can be erased during playback as well. However, tracks preceding the currently playing track cannot be erased in this way.

To check the program contents

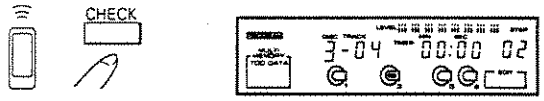


During program mode, set the player to stop mode and press CHECK on the remote control unit. The program contents will be displayed in the programmed order.

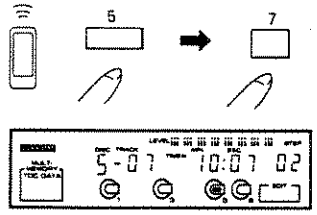
- After confirming the last program step, the display will show "0-00".

To modify the program contents

1



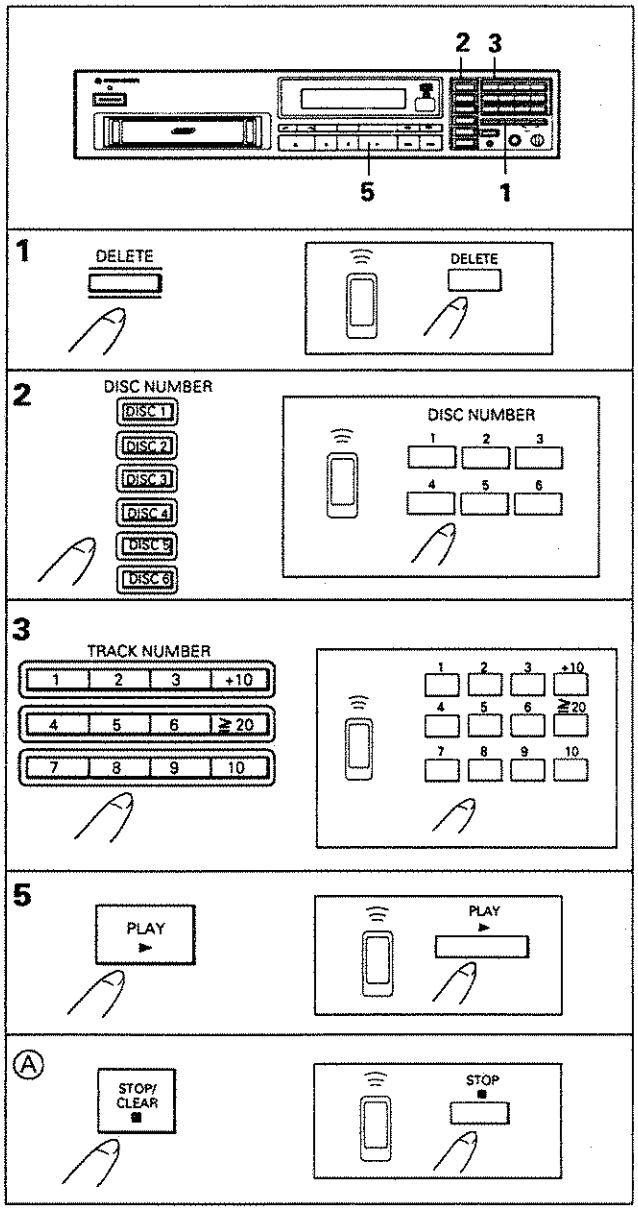
2



1. Press CHECK so that the program step to be corrected appears on the display.
2. To correct the disc No., enter the new disc No. with the DISC NUMBER buttons. To correct the track No., enter the new track No. with the Track number/Digit buttons. For example, the programmed track No. 4 on the disc No. 3 is changed to track No. 7 on the disc No. 5, using the DISC NUMBER 5 and Track number 7 buttons.

- Repeat steps 1 and 2 to change other tracks as desired.

Continue



Delete program playback - To delete undesired tracks/discs

1 During stop mode, press DELETE.

2 Press the DISC NUMBER button which contains the track to be deleted.

To delete entire discs, enter the desired disc numbers with the DISC NUMBER buttons and go to step 4.

- When DISC NUMBER is pressed, "AL" (all tracks) appears on the display.

3 Enter the track No. to be deleted with the TRACK NUMBER/Digit buttons.

4 Repeat steps 2 and 3 for other tracks to be deleted.

5 Press PLAY.

All tracks other than deleted tracks/discs are played in the order of the disc and track numbers. When tracks have been played, the player enters stop mode.

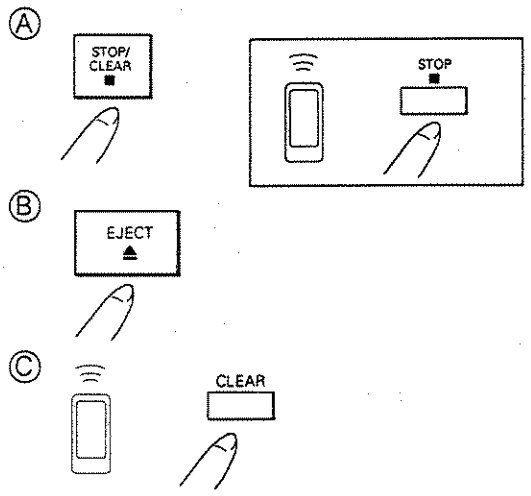
Ⓐ To stop Delete program playback, press STOP/ CLEAR.

- To enter track No. 11 or above with the TRACK NUMBER/Digit buttons, see "Track Search" on page 11.
- If the magazine is in the player, the program contents will not be erased even if the power is turned off.

NOTE:

If the Program procedure has been performed, Delete programming cannot be carried out.

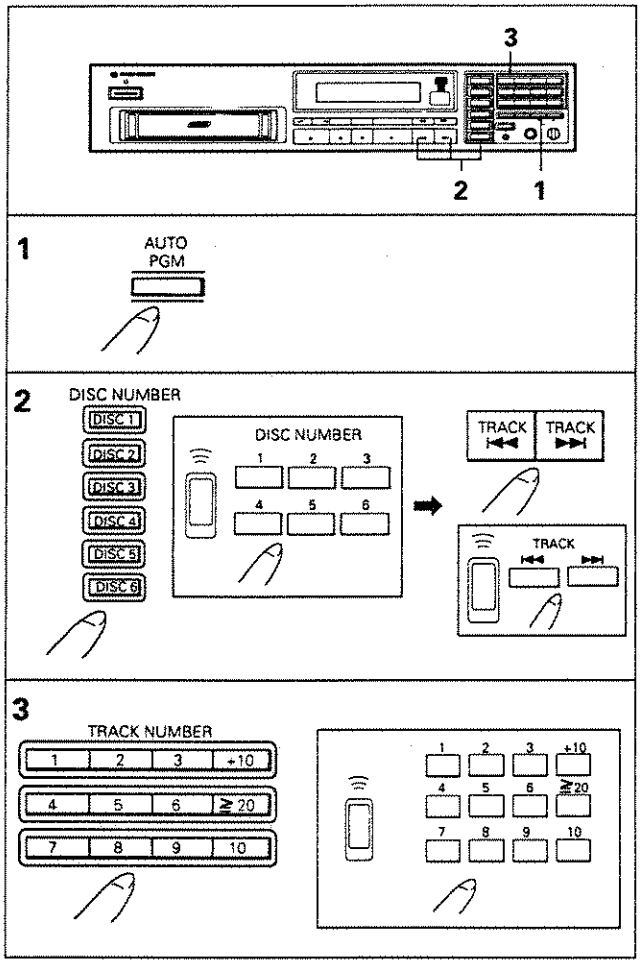
To clear all of the delete program contents



Ⓐ During stop mode, press STOP/CLEAR.

Ⓑ When the magazine is ejected, the program contents will be cleared.

Ⓒ Press CLEAR on the remote control unit during stop mode or play mode. When CLEAR is pressed during Delete Program playback mode, the player enters normal playback mode.



Auto program editing

Tracks are selected within the specified time.

1 During stop mode, press AUTO PGM EDIT.

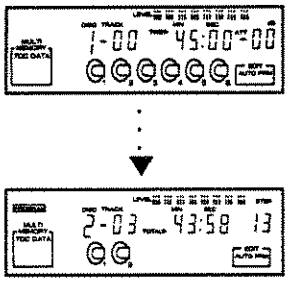
2 Select the disc No. and track No. to be first played with the DISC NUMBER button and ►►I (or I◄◄) button.

3 Enter the playing time in minutes with digit buttons ([1] – [10]).

- The [10] button functions as 0.
- To enter 9 minutes or less: After pressing [10], press [1] – [9].

For example, to enter 45 minutes, press [4] and [5] sequentially. The displayed time is memorized. The player now programs the tracks within the selected time. The display shows the last programmed track, total program playing time and program steps.

When [4] and [5] (45 minutes) are entered without selecting track No.



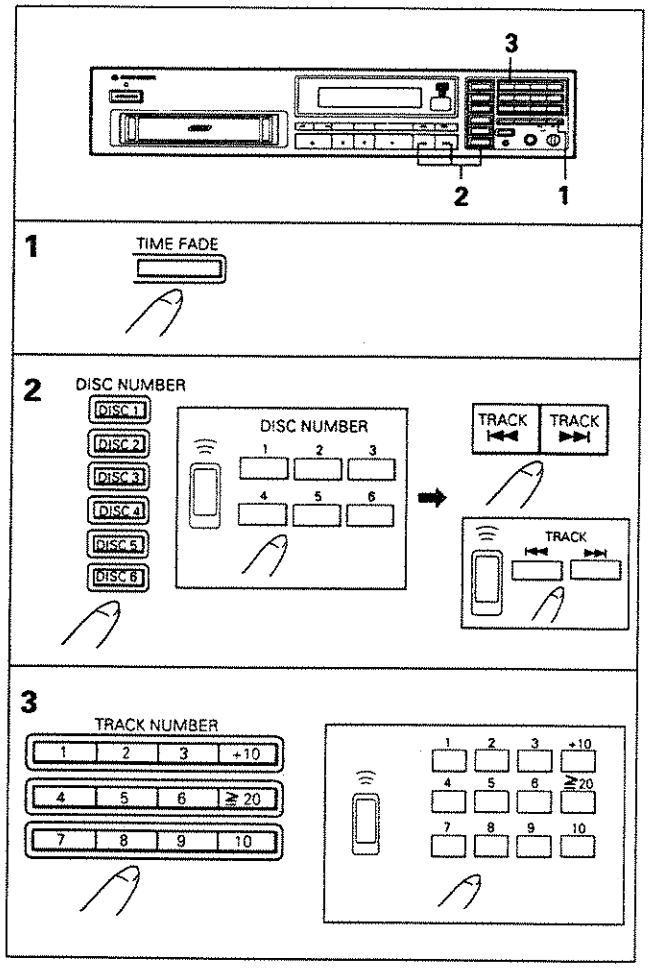
4 To program the second playing time, repeat steps 1 through 3.

The player programs a pause, and then programs the tracks, from the next one located the last programmed track, within the selected playing time. If the second program is not necessary, you may skip this step.

NOTES:

- *Up to 40 steps can be programmed.*
- *With discs contained 20 tracks or more, programming may not be correctly performed.*
- *Procedures for checking and clearing are the same as for programming.*

Continue



Time fade editing

Tracks are selected within the specified time and playback pauses with a fade-out.

1 During stop mode, press TIME FADE EDIT.

2 Select the disc No. and track No. to be first played with the DISC NUMBER button and ▶▶| (or |◀◀) button.

3 Enter the playing time in minutes with digit buttons (1 – 10).

- The 10 button functions as 0.
- To enter 9 minutes or less: After pressing 10, press 1 – 9.

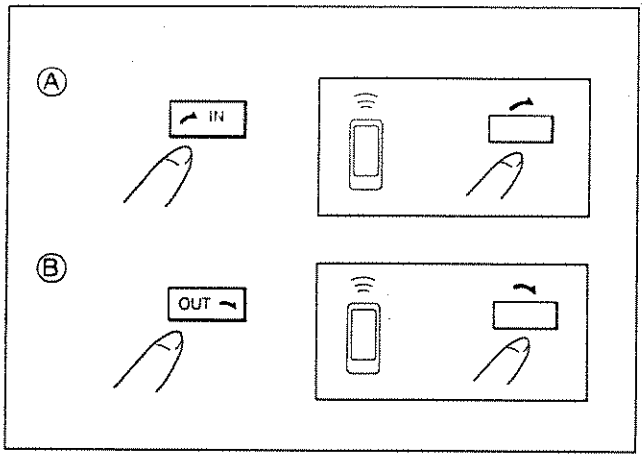
For example, to enter 23 minutes, press 2 and 3 sequentially. The displayed time is memorized. The player programs the tracks within the selected playing time.

NOTES:

- *If Random playback, Track Search or Disc Search is done during Time Fade Editing play, Time Fade Editing will be cleared.*
- *If a tape playing time beyond the total playing time is selected, the player also programs the tracks on the next disc and the Fade-out function will be carried out on the next disc.*
- *If the magazine is in the player, the program contents will not be erased even if the power is turned off. However, if the power is turned off with an audio timer or unplugging the power cord, the program contents will be erased.*
- *During Time Fade operation, programming for Program Playback/ Delete Program Playback cannot be carried out.*
- *When the program (Disc Program/Track Program) procedure has been performed, Time Fade operation programs the tracks among the programmed tracks, starting from the first step of the program (Program Time Fade). In this case, programmed pauses cannot be activated.*
- *When the delete program procedure has been performed, Time Fade operation programs the tracks other than deleted discs/ tracks (Delete Time Fade). If RANDOM PLAY is pressed, the tracks are programmed in random order (Delete Random Time Fade).*
- *If RANDOM PLAY is pressed, Time Fade operation programs the tracks in random order.*

To exit Time Fade Editing mode:
Before specifying the playing time, press TIME FADE EDIT or STOP/CLEAR. When the playing time is already specified, press CLEAR.

Continue



One-touch fade

Playback can be started from the desired point with a fade-in and stopped at the desired point with a fade-out.

- The One-touch Fade function can be carried out in Normal playback, Program playback/Delete Program playback, or Random playback mode.
  Set the player to the desired playback mode, and then perform the following procedure.

Ⓐ During pause mode, press AUTO FADER IN. Playback starts with a fade-in. The output level gradually increases from -60 dB to 0 dB (or to the level preset with OUTPUT LEVEL).

Ⓑ During playback, press AUTO FADER OUT. Playback pauses with a fade-out. The output level gradually decreases from 0 dB (or the level preset with OUTPUT LEVEL) to -60 dB.

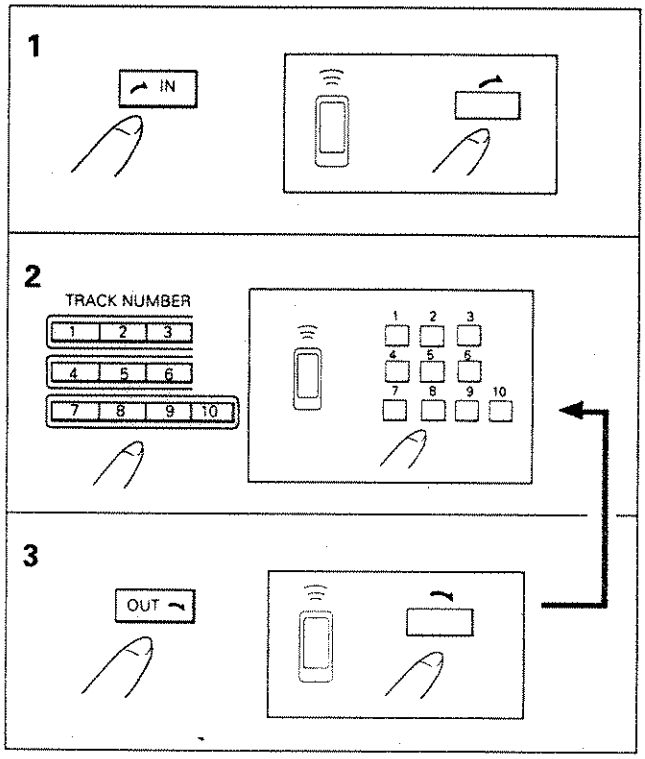
Variable fade

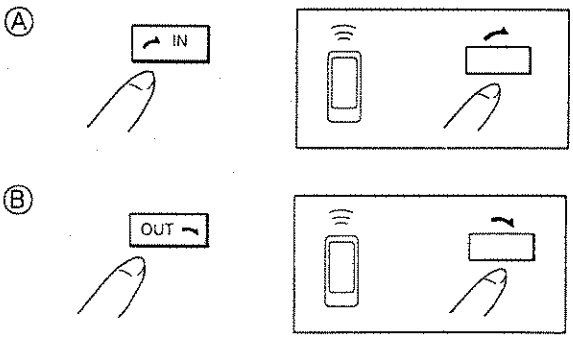
This function allows you to specify the interval (from 0 second to 9 seconds) of fade-in/out operations.

1 During stop mode, press AUTO FADER IN.

2 Enter the interval with the digit button (1 - 10).
The specified interval is displayed in seconds together with "FI". When 7 second interval is entered, for example, FI:07 appears on the display panel.
- When 10 is pressed, 0 second interval is entered.

3 To specify the interval of fade-out, press AUTO FADER OUT and perform step 2.
The specified interval is displayed in second together with "FO".





Ⓐ During pause mode, pressing AUTO FADER IN initiates playback with fade-in of the preset interval.

Ⓑ During playback, press AUTO FADER OUT. Playback pauses with fade-out of the preset interval.

- The Variable Time Fade settings will not be erased even if the power is turned off.

MULTI-MEMORY

- Multi-Memory function cannot be carried out with the single disc magazine.

Multi-Memory function can store the output level setting with TOC* data.

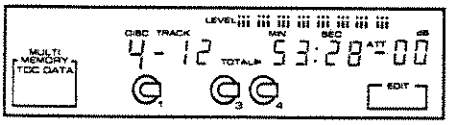
Once a program is stored in the memory, the program will be recalled whenever the magazine is inserted. Up to 40 program steps, and up to 99 delete programs (tracks) for a disc can be stored in Multi-Memory.

* Every CD disc is provided with a section called TOC (Table Of Contents) at the beginning of the disc. The TOC section is just like the table of contents (number of tracks, playing time, etc.) of the disc.

TOC data memory

After a magazine is inserted, the player reads TOC data of each disc in the order of the disc numbers and stores all of the TOC data. When the TOC data have been read, MULTI MEMORY TOC DATA lights and the display shows the last disc No., track No. and total playing time, and disc symbol indicators which contain a disc will light Ⓐ. In this state, EJECT, PLAY, RANDOM PLAY, DISC NUMBER or TRACK NUMBER operation speed will be increased.

Ⓐ Example: When a magzine contains discs No. 1, No. 3 and No. 4.



Once the TOC data are stored in the memory, the TOC data will be recalled whenever the same magazine is inserted, and the display shows the total track numbers and total playing time of each disc for about 2 seconds in the order of the disc numbers.

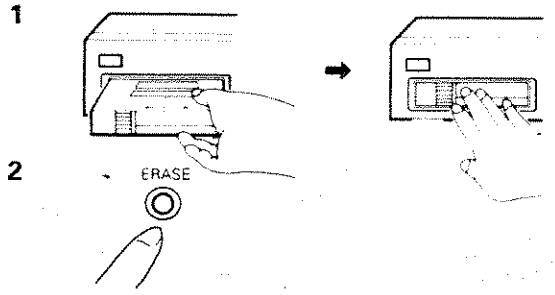
- When the Program or Delete Program of the magazine is already stored in Multi-Memory, the display shows the total programmed track numbers and total programmed time.

NOTE

When using less than 6 discs, be sure to insert disc No.1 into the magazine. Otherwise, the Multi-Memory function cannot be carried out.

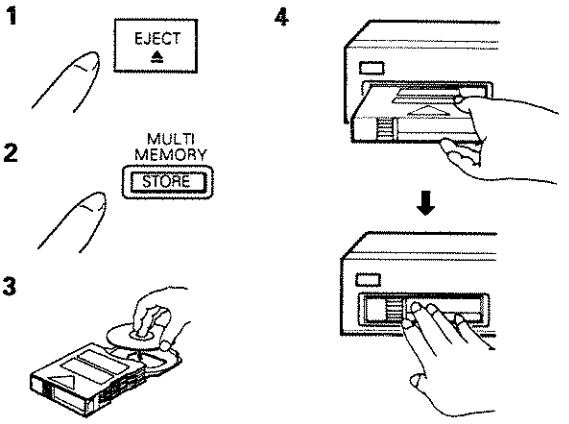
To correct the TOC data

- **Replacing or Removing a disc (No. 2 - No.6 only)**
  When replacing or removing a disc from the magazine whose TOC data are already stored in Multi-Memory, clear the previous TOC data and store the new one. In this case, disc No. 1 cannot be replaced or removed.



1. Insert the magazine.
   The TOC data of each disc previously stored will be displayed in sequence.
2. Press ERASE. "CLr" appears on the display. The previous memory (TOC, program and/or disc output level) is erased and the new TOC data will be stored in Multi-Memory.

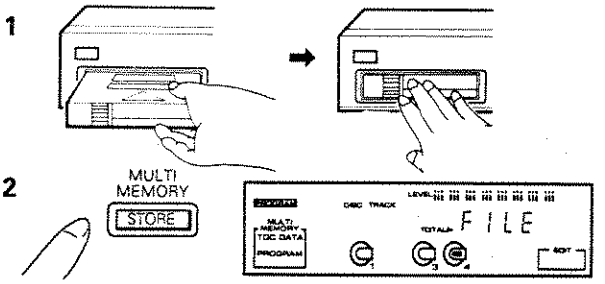
- **Adding discs**
  When discs are inserted into the magazine which contains vacant trays, the TOC data and/or preset disc output level of new discs can be added and stored in the previous memory.



1. Eject the magazine.
2. Press STORE. "Add" appears on the display.
3. Load a disc in the magazine.
4. Insert the magazine into the player.

- The program and/or preset disc output level of the discs previously stored in Multi-Memory will not be erased.

To store program/delete program in multi-memory



1. Insert the 6 disc magazine, and perform a program. (See "Program Playback and Delete Program Playback".)
   - After inserting the magazine, wait until a TOC of all discs has been read.
2. Press STORE.
   The MULTI MEMORY PROGRAM or DELETE indicator lights, "FILE" appears on the display and the program can be now stored.
   Whenever the magazine which contains the same discs in the same order is inserted, pressing PLAY initiates playback according to the stored program.

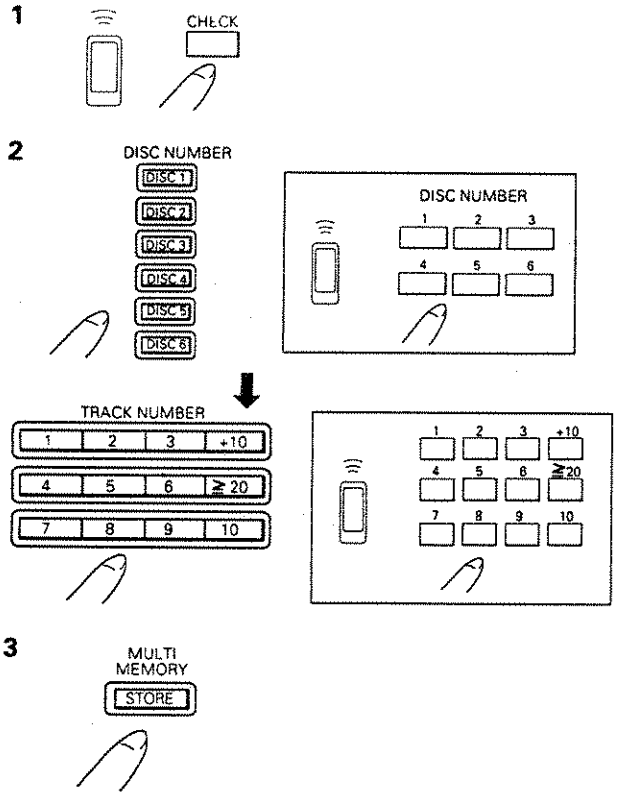
- The program can be stored only when the player is in stop mode.
- In step 1 of "To store Program/Delete Program in Multi-Memory", programming is possible without magazine. After programming, insert the magazine.

To play discs without Program Memory:
After inserting the magazine, press STOP/CLEAR. The player exits Multi-Memory mode and any playback mode can be selected.

To store new program:
After the magazine is inserted, press STOP/CLEAR and store the new program. The program previously stored will be erased.

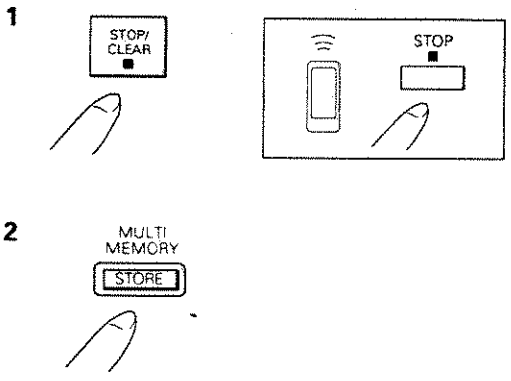
Continue

To modify the program contents stored in multi-memory



1. After the magazine is inserted, press CHECK so that the program contents to be corrected appear on the display.
2. Enter the desired disc No. and track No.
3. Press STORE.

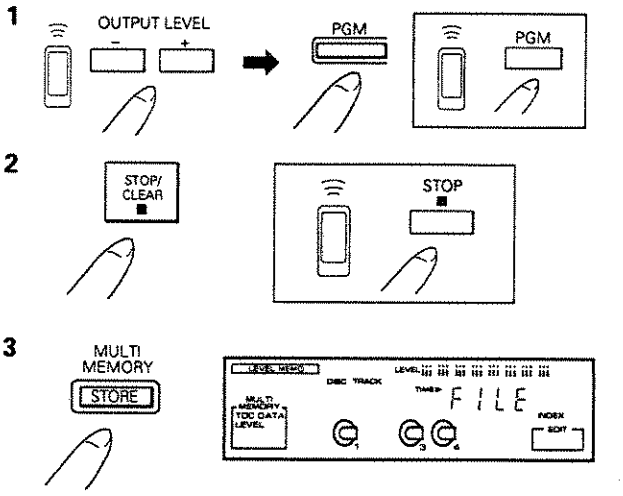
To clear the program in multi-memory



1. After the magazine is inserted, press STOP/CLEAR.
2. Press STORE.

To store the disc output level in multi-memory

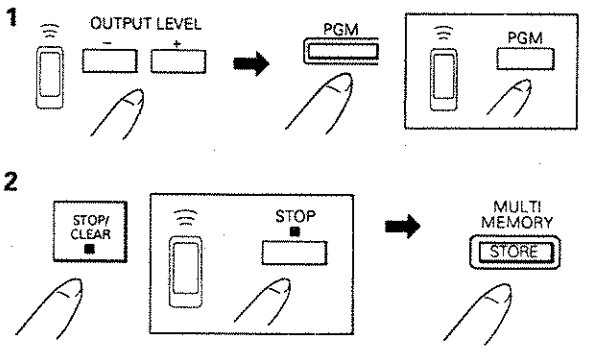
The output level of each disc, specifying with the OUTPUT LEVEL buttons and PGM button, can be stored in memory.
Once the output level is stored in the memory, the output level will be recalled whenever the magazine is inserted.



1. During playback, program the output level of each disc.
2. Press STOP/CLEAR.
3. Press STORE.
   The MULTI MEMORY LEVEL indicator lights, "FILE" appears on the display and the output level of each disc can be now stored.
   Whenever the magazine which contains the same discs in the same order is inserted, the output level will be automatically set for each disc.

- When a program procedure has been performed, the program will be also stored with the disc output level.

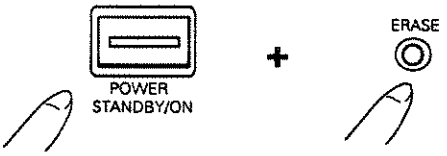
To clear the disc output level memory



1. During playback, programme the output level of each disc to 0 dB.
2. Press STOP/CLEAR and then STORE.

Continue

To clear the entire multi-memory



Press POWER to turn the player on and simultaneously press and hold ERASE for more than about 1 second. "ALL CLr" appears on the display and the entire Multi-Memory will be erased.

If the multi-memory is filled

Up to 20 magazines can be stored in Multi-Memory.

- If the programs are already stored for 20 magazines, a program will not be stored even if STORE is pressed. At this time, "FULL" appears on the display. If you intend to store a new program, press STORE twice. "FILE" appears on the display and a new program can be stored. The oldest program is erased and the new one will be stored.
- When the TOC data are already stored for 20 magazines, storing a TOC data for new magazine erases the data of the oldest magazine having only TOC data from the Multi-Memory.

When "Err" is displayed:
When playback reaches a disc No. which is replaced or removed from the magazine stored in Multi-Memory, "Err" is displayed. Correct the TOC data, if necessary.

Caution for memory back-up

When the memory back-up batteries run out, "ALL CLr" is displayed after the power is turned on. The Multi-Memory function will not work if the batteries run out.
Please ask your nearest PIONEER authorized service center to replace the batteries.

TROUBLESHOOTING

Incorrect operations are often mistaken for trouble and malfunctions. If you think that there is something wrong with this component, check the points below. Sometimes the trouble may lie in another component. Investigate the other components and electrical appliances being used.
If the trouble cannot be rectified even after exercising the checks listed below, ask your nearest PIONEER authorized service center or your dealer to carry out repair work.

Symptom	Cause	Remedy
Magazine is not expelled when EJECT button is pressed.	• Power plug is disconnected from outlet.	• Connect plug to amplifier or wall outlet.
When playback is started, it stops immediately. Pauses or stops during playback.	• Disc is loaded upside down. • Smudged on the disc, etc.	• Load the disc correctly with the label side DOWN. • Clean the smudges from the disc and then play it again.
No sound	• Output cords are connected incorrectly or loosely. • Incorrect operation of stereo amplifier. • Pin plugs and/or amplifier terminals are dirty. • Player is in pause mode.	• Connect properly. • Check the settings of amplifier switches and sound volume controls. • Clean away dirt. • Press the PLAY button.
Sound is distorted, noise is output.	• Incorrect connections. • Pin plugs and/or amplifier terminals are dirty. • Interference is being picked up from a TV set.	• Connect to amplifier's AUX or CD terminals. Do not connect to PHONO terminals. • Clean away dirt. • Switch OFF TV set, or move player away from TV set.
With certain discs, loud noise is produced, or play stops.	• Disc has bad scratch or warp. • Disc is extremely dirty.	• Replace the disc. • Clean disc.
Remote control will not function.	• Dead batteries. • Too far from player or wrong angle. • Obstruction between player and remote control unit.	• Replace batteries. • The distance between remote control unit and player should be no more than about 7 meters. The operational angle against the front panel is within 30° from right or left end of player. • Relocate remote control unit or remove obstruction.
Even if STOP/CLEAR is pressed, the TOC read operation will not stop.	• Reading the TOC for the multi-memory.	• Wait until TOC reading is completed. • To play immediately, press PLAY, DISC NUMBER or TRACK NUMBER. • To remove the magazine, press EJECT.

SPECIFICATIONS

1. General

Type ..... Compact disc digital audio system
Power requirements
European models ..... AC 220 V, 50/60 Hz
U.K., Australian models ..... AC 240 V, 50/60 Hz
U.S., Canadian models ..... AC 120 V, 60 Hz
Other models ..... AC 110/120 - 127/220/240 V (switchable) 50/60 Hz
Power consumption 14W
Operating temperature ..... +5°C - +35°C
Weight ..... 4.9 kg (10 lb, 13 oz)
External dimensions ..... 420(W) X 326(D) X 104(H) mm 16-9/16(W) X12-27/32(D) X 4-1/8(H) in

2. Audio section

Frequency response ..... 2 Hz - 20 kHz
S/N ratio ..... more than 107 dB (EIAJ)
Dynamic range ..... more than 97 dB (EIAJ)
Channel separation ..... more than 102 dB (EIAJ)
Harmonic distortion ..... less than 0.003% (EIAJ)
Output voltage 2.0V
Wow and flutter ..... less than ±0.001% (W.PEAK) (below measurable level) (EIAJ)
Channels ..... 2-channel (stereo)

3. Output terminal

Audio line output
Headphone jack with volume control
Control input/output jacks (Equipped with U.S., Canadian and Australian models)
CD-DECK synchro jack

4. Functions

Number of discs to be stored - maximum 6.

Basic operation buttons
- PLAY, PAUSE, STOP

Search function
- Disc Search
- Track Search
- Manual Search

Programming
- Maximum 40 steps
- Pause
- Program check/Correction (remote control unit)
- Program CLEAR (single track or all tracks)
- Delete play

Repeat functions
- 1 track repeat
- All discs repeat
- Program repeat
- Random play repeat
- Delete play repeat
- Delete random play repeat
- Program random play repeat

Random play
- Random play (repeat also available)
- Delete random play (repeat also available)
- Program random play (repeat also available)

Switching display
- Time consumed, remaining time (track/disc), and total time

Timer start

Digital Level Controller
Volume control can be done with the remote control unit.

Level memory

One-touch Fade
Fade-in and fade-out possible.

Variable fade
The interval of fade-in/out can be specified.

Time Fade Editing
Selects the tracks within the specified time. Playback pauses with a fade-out.

Auto Program Editing
Selects the tracks within the specified time.

Multi-Memory
Stores programs/disc output level/TOC.

5. Display

FL tube display
- Elapsed time display (min, sec)
- Remaining time (track/disc) display
- Total time display
- Disc number, track number
- Program step number
- Program indicator
- Repeat indicator
- Random play indicator
- ATT level meter and display
- Time Fade Editing indicator
- Auto Program Editing indicator
- Delete indicator
- Multi-Memory TOC data/level/program/delete indicators
- Play indicator
- Pause indicator
- Disc symbol indicators

6. Accessories

- Remote control unit 1
- Size AAA/R03/dry batteries 2
- Six-compact-disc magazine 1
- Single-compact-disc magazine 1
  (Except for U.K. and European models)
- Output cord 1
- Control cord 1
  (U.S., Canadian and Australian models only)
- Operating instructions 1

NOTE:
Specifications and design subject to possible modification without notice, due to improvements.

The Magazine Type Multi-Play CD Players with mark and the Magazines with the same mark are compatible for 5-inch (12cm) discs